

#### CERTIFICATE OF ANALYSIS

Product Name Pineapple

Product Type Fragrance Oil

Product Code OFPINEA

Batch No 4393601

Production Date April 2020

Best Before End April 2023

Tests Specifications Results

Odour According to Standard Conforms

Appearance Pale to dark yellow oily liquid Conforms

Solubility in water (10%) Insoluble Conforms

Solubility in other solvents (10%)

Soluble in Ethyl alcohol

Conforms

Storage Store in well sealed containers in cool, dry, dark place. Ideal temperature between 15-20

degrees Centigrade (59-70 degrees Fahrenheit).

Shelf Life Shelf life of this product depends very much on storage conditions, particularly

temperature and exposure to light and air. Shelf life must be considered as subjective the shelf life given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers. Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However we ensure that

this does not effect the quality and efficacy of the products in any way.

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**ALLERGEN DECLARATION** 

# We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus

We hereby confirm that the following item contains the components listed below. Stated are the total levels added plus levels from natural ingredients. The information is supplied to enable compliance with Cosmetic and Detergent regulations.

# **Pineapple Madar Corp**

Ingredient	CAS	EC	Concentration (%)
Coumarin	91-64-5	202-086-7	0.6%
Geraniol	106-24-1	203-377-1	0.006%
Linalool	78-70-6	201-134-4	2.533%
d-Limonene	5989-27-5	227-813-5	9.804%

**Regulatory Affairs Department** 

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# **SAFETY DATA SHEET**

In accordance with REACH Regulation EC No.1907/2006

**Product:** Pineapple Madar Corp

Version: 1

#### Section 1. Identification of the substance or the mixture and of the supplier

#### 1.1 Product Identifier

**Product identifier:** Pineapple Madar Corp (Contains:4-tert-Butylcyclohexyl acetate, Allyl cyclohexanepropionate,

Linalool, d-Limonene)

Other identifiers: None

#### 1.2 Relevant identified uses of the substance of mixture and uses advised against

**Product uses:** Fragrances

#### 1.3 Details of the supplier of the safety data sheet

Company name: MADAR Corporation Limited

Company address: 19-20 Sandleheath Industrial Estate,

> Fordingbridge, Hampshire, SP6 1PA

Contact: Pat

E-Mail address: technical@madarcorporation.co.uk

01425 655555 Company phone: 1.4 Emergency telephone number

**Emergency phone:** 01425 655555

#### Section 2. Hazards identification

#### 2.1 Classification of the substance or mixture

#### Classification under Regulation (EC) No 1272/2008

danger:

Class and category of Flammable Liquid, Hazard Category 3

Acute Toxicity - Oral Category 4

Skin Corrosion / Irritation Category 2

Sensitization - Skin Category 1 Aspiration Hazard Category 1

Hazardous to the Aquatic Environment - Acute Hazard Category 1 Hazardous to the Aquatic Environment - Long-term Hazard Category 1

H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H410, Very toxic to aquatic life with long lasting effects.

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**Product:** Pineapple Madar Corp

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#### 2.2 Label elements

Signal word: Danger

**Hazard statements:** H226, Flammable liquid and vapour.

H302, Harmful if swallowed.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H410, Very toxic to aquatic life with long lasting effects.

Supplemental Information:

EUH208, Contains Coumarin, alpha-Pinene, beta-Pinene. May produce an allergic reaction.

Precautionary statements:

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

P233, Keep container tightly closed.

P240, Ground/bond container and receiving equipment.

P241, Use explosion-proof electrical, ventilating and lighting equipment.

P242, Use only non-sparking tools.

P243, Take precautionary measures against static discharge.

P261, Avoid breathing vapour or dust.

P264, Wash hands and other contacted skin thoroughly after handling.

P270, Do not eat, drink or smoke when using this product.

P272, Contaminated work clothing should not be allowed out of the workplace.

P273, Avoid release to the environment.

P280, Wear protective gloves/eye protection/face protection.

P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing.

Rinse skin with water/shower.

P330, Rinse mouth.

P331, Do not induce vomiting.

P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P362, Take off contaminated clothing and wash before reuse.

P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.

P391, Collect spillage.

P403/235, Store in a well-ventilated place. Keep cool.

P405, Store locked up.

P501, Dispose of contents/container to approved disposal site, in accordance with local

regulations.

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**Pictograms:** 









Other hazards: None

# Section 3. Composition / information on ingredients

#### 3.2 Mixtures

# **Contains:**

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008
Allyl cyclohexanepropionate	2705-87-5	220-292-5		20-<50%	ATO 4-ATD 4-ATI 4-SS 1-EH A1-EH C1;H302- H312-H317-H332- H410,-
d-Limonene	5989-27-5	227-813-5		5-<10%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410,-
Allyl hexanoate	123-68-2	204-642-4		5-<10%	ATO 3-ATD 3-ATI 3-EH A1-EH C3;H301-H311- H331-H400-H412,-
Linalool	78-70-6	201-134-4		1-<5%	SCI 2-EDI 2-SS 1B; H315-H317-H319,-
4-tert-Butylcyclohexyl acetate	32210-23-4	250-954-9		1-<5%	SS 1B;H317,-
Benzyl acetate	140-11-4	205-399-7		1-<5%	EH C3;H412,-
alpha-Pinene	80-56-8	201-291-9		1-<5%	FL 3-ATO 4-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226-H302-H304- H315-H317-H410,-
beta-Pinene	127-91-3	204-872-5		1-<5%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C1;H226- H304-H315-H317- H410
Coumarin	91-64-5	202-086-7		0.1-<1%	ATO 4-SS 1B;H302- H317,-
Myrcene	123-35-3	204-622-5		0.1-<1%	FL 3-SCI 2-EDI 2-AH 1-EH A1-EH C2;H226- H304-H315-H319- H400-H411,-
Longifolene	475-20-7	207-491-2		<0.1%	SS 1B-AH 1-EH A1-EH C1;H304-H317-H410,-

# **Substances with Community workplace exposure limits:**

Not Applicable

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Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

#### Section 4. First-aid measures

#### 4.1 Description of first aid measures

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

#### 4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

May be fatal if swallowed and enters airways.

Causes skin irritation.

May cause an allergic skin reaction.

#### 4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

### **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

#### 5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

#### 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Section 6. Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

#### 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

#### 6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

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#### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

#### Section 7. Handling and storage

## 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities:

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Fragrances: Use in accordance with good manufacturing and industrial hygiene practices.

#### Section 8. Exposure controls/personal protection

# 8.1 Control parameters

Workplace exposure limits: Not Applicable

#### **8.2 Exposure Controls**

#### **Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

#### **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

#### Section 9. Physical and chemical properties

# 9.1 Information on basic physical and chemical properties

Appearance:

Odour:

Not determined

Not determined

Not determined

Not determined

Not determined

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Melting point / freezing point:

Initial boiling point / range:

Not determined

Flash point: 44 °C

**Evaporation rate:**Not determined
Flammability (solid, gas):
Not determined

Upper/lower flammability or explosive limits: Product does not present an explosion hazard

Vapour pressure: Not determined Vapour density: Not determined Relative density: Not determined Not determined Solubility(ies): Partition coefficient: n-octanol/water: Not determined Not determined **Auto-ignition temperature:** Not determined **Decomposition temperature:** Not determined Viscosity: **Explosive properties:** Not expected **Oxidising properties:** Not expected

**9.2 Other information:** None available

### Section 10. Stability and reactivity

# 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

#### 10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

#### 10.6 Hazardous decomposition products:

Not expected.

# Section 11. Toxicological information

#### 11.1 Information on toxicological effects

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute Toxicity: BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

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Acute Toxicity - Oral Category 4

Acute Toxicity Oral 1624 Acute Toxicity Dermal 3429

Acute Toxicity Inhalation Not Available

Skin corrosion/irritation: Skin Corrosion / Irritation Category 2

Serious eye damage/irritation: Based on available data the classification criteria are not met.

Respiratory or skin sensitisation: Sensitization - Skin Category 1

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

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Aspiration hazard: Aspiration Hazard Category 1

#### Information about hazardous ingredients in the mixture

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
Allyl cyclohexanepropionate	2705-87-5	220-292-5	480	1600	11	Vapour
Allyl hexanoate	123-68-2	204-642-4	300	300	3	Vapour

Refer to Sections 2 and 3 for additional information.

#### **Section 12. Ecological information**

#### 12.1 Toxicity:

Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability:Not available12.3 Bioaccumulative potential:Not available12.4 Mobility in soil:Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Not available

#### Section 13. Disposal considerations

## 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **Section 14. Transport information**

**14.1 UN number:** UN1169

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**Product:** Pineapple Madar Corp

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**14.2 UN Proper Shipping Name:** EXTRACTS, AROMATIC, LIQUID

14.3 Transport hazard class(es): 3

Sub Risk: -

14.4. Packing Group:

**14.5 Environmental hazards:** This is an environmentally hazardous substance.

**14.6 Special precautions for user:** None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

#### **Section 15. Regulatory information**

# 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture None additional

#### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

#### **Section 16. Other information**

Concentration % Limits: EH A1=65.41% EH C1=75.99% EH C2=7.60% EH C3=0.75819610% EH

C4=61.88% SCI 2=64.85% SS 1=5.00% AH 1=72.07%

**Total Fractional Values:** EH A1=1.53 EH C1=1.32 EH C2=13.16 EH C3=131.89 EH C4=1.62 SCI

2=1.54 SS 1=20.00 AH 1=1.39

Key to revisions:

Not applicable

#### Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATD 3	Acute Toxicity - Dermal Category 3
ATD 4	Acute Toxicity - Dermal Category 4
ATI 3	Acute Toxicity - Inhalation Category 3
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 3	Acute Toxicity - Oral Category 3
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.

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H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H315 Causes skin irritation. H317 May cause an altergic skin reaction. H319 Causes serious eye irritation. H310 Toxic in altergic skin reaction, H319 Causes serious eye irritation. H320 Harmful if inhaled. H332 Harmful if inhaled. H332 Harmful if inhaled. H332 Harmful if inhaled. H410 Very toxic to aquatic life. H410 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H411 Use exposion-proof electrical, sontial exposition exposition exposition. H410 Very toxic to aquatic life with long lasting effects. H411 Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. H411 Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. H412 Use only non-sparking tools. H414 Use explosion-proof electrical, ventilating and lighting equipment. H414 Use explosion-proof electrical, ventilating and lighting equipment. H415 Very Use only non-sparking tools. H414 Use only non-sparking tools. H415 Very Use only non-sparking tools. H416 Very Use only non-sparking tools. H416 Very Use only non-sparking tools. H417 Very Use only non-sparking tools. H418 Very Use only non-spark		
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Causes serious eye irritation.  Toxic if Inhaled. H331 Toxic if Inhaled. H332 Harmful if Inhaled. H400 Very toxic to aquatic life Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. H410 Toxic to aquatic life with long lasting effects. H411 Harmful to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects. P210 Keep away from heat, sparks, open flames and hot surfaces No smoking. Keep container tightly closed. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical, ventilating and lighting equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P244 Avoid breathing vapour or dust. P246 Wash hands and other contacted skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment. P280 Wear protective gloves/eye protection/face protection. P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician. P301/312 IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN: Wash	H315	Causes skin irritation.
H331 Toxic if inhaled. H332 Harmful if inhaled. H3400 Very toxic to aquatic life. H4400 Very toxic to aquatic life with long lasting effects. H4411 Toxic to aquatic life with long lasting effects. H4411 Toxic to aquatic life with long lasting effects. H4412 Harmful to aquatic life with long lasting effects. H4412 Harmful to aquatic life with long lasting effects. H240 Keep away from heat, sparks, open flames and hot surfaces No smoking. H240 Ground/bond container and receiving equipment. H241 Use explosion-proof electrical, ventilating and lighting equipment. H242 Use only non-sparking tools. H244 Use only non-sparking tools. H245 Avoid breathing vapour or dust. H246 Wash hands and other contacted skin thoroughly after handling. H247 Use only outdoors or in a well-ventilated area. H248 Use only outdoors or in a well-ventilated area. H249 Contaminated work clothing should not be allowed out of the workplace. H247 Avoid release to the environment. H248 Wear protective gloves/eye protection/face protection. H249 Wear protective gloves/eye protection/face protection. H2500 Wear protective gloves/eye protection/face protection. H2501/310 If SWALLOWED: all a POISON CENTER or doctor/physician. H2501/311 If SWALLOWED: all a POISON CENTER or doctor/physician if you feel unwell. H2601/3133 If ON SKIN: Wash with plenty of soap and water. H2601/3133 If ON SKIN: Wash with plenty of soap and water. H2601/3133 If NEXES: Rise cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsip. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water. H261 ON SKIN: Wash with plenty of soap and water.	H317	May cause an allergic skin reaction.
Harmful if inhaled.  Very toxic to aquatic life.  Very toxic to aquatic life.  Very toxic to aquatic life with long lasting effects.  H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  P210 Keep away from heat, sparks, open flames and hot surfaces No smoking.  P233 Keep container tightly closed.  Ground/bond container and receiving equipment.  P244 Use explosion-proof electrical, ventilating and lighting equipment.  P242 Use only non-sparking tools.  P243 Take precautionary measures against static discharge.  Avoid breathing vapour or dust.  P264 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 If SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  If SWALLOWED: lamediately call a POISON CENTER or doctor/physician fly ou feel unwell.  P302/352 If ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P303/361/353 If ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P3011 Call a POISON CENTER or doctor/physician if you feel unwell.  P3012 Call a POISON CENTRE or doctor/physician.  If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue trinsing.  If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue trinsing.  If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue trinsing.  If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and eavy	H319	Causes serious eye irritation.
Very toxic to aquatic life.	H331	Toxic if inhaled.
Very toxic to aquatic life with long lasting effects.   Hatti	H332	Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.  H412 Harmful to aquatic life with long lasting effects.  Keep away from heat, sparks, open flames and hot surfaces No smoking.  Keep container tightly closed.  Ground/bond container and receiving equipment.  P240 Ground/bond container and receiving equipment.  P241 Use explosion-proof electrical, ventilating and lighting equipment.  P242 Use only non-sparking tools.  P243 Take precautionary measures against static discharge.  Avoid breathing vapour or dust.  Wash hands and other contacted skin thoroughly after handling.  P261 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTRE or doctor/physician.  P330 Rinse mouth.  P331 Do not induce vomiting.  P331 If skin irritation occurs: Get medical advice/attention.	H400	Very toxic to aquatic life.
Harmful to aquatic life with long lasting effects.  Keep away from heat, sparks, open flames and hot surfaces No smoking.  Keep container tightly closed.  Ground/bond container and receiving equipment.  P240 Ground/bond container and receiving equipment.  P241 Use explosion-proof electrical, ventilating and lighting equipment.  P242 Use only non-sparking tools.  P243 Take precautionary measures against static discharge.  P244 Wash hands and other contacted skin thoroughly after handling.  P266 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 If SWALLOWED: call a POISON CENTER or doctor/physician.  P301/312 If SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 If ON SKIN: Wash with plenty of soap and water.  P303/361/353 If ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 If INALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P311 Call a POISON CENTER or doctor/physician.  P312 Call a POISON CENTER or doctor/physician if you feel unwell.  Rinse mouth.  P3330 Rinse mouth.  P3341 If skin irritation or rash occurs: Get medical advice/attention.  If skin irritation or rash occurs: Get medical advice/attention.	H410	Very toxic to aquatic life with long lasting effects.
Keep away from heat, sparks, open flames and hot surfaces No smoking.  Keep container tightly closed.  Ground/bond container and receiving equipment.  Use explosion-proof electrical, ventilating and lighting equipment.  Use only non-sparking tools.  P241 Use only non-sparking tools.  P242 Use only non-sparking tools.  P243 Take precautionary measures against static discharge.  P266 Avoid breathing vapour or dust.  P267 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTER or doctor/physician.  P330 Rinse mouth.  P331 Do not induce womiting.  P333/313 If skin irritation occurs: Get medical advice/attention.  If skin irritation or rash occurs: Get medical advice/attention.	H411	Toxic to aquatic life with long lasting effects.
Reep container tightly closed.  Ground/bond container and receiving equipment.  P241  Use explosion-proof electrical, ventilating and lighting equipment.  P242  Use only non-sparking tools.  Take precautionary measures against static discharge.  Avoid breathing vapour or dust.  P261  Avoid breathing vapour or dust.  Wash hands and other contacted skin thoroughly after handling.  P270  Do not eat, drink or smoke when using this product.  P271  Use only outdoors or in a well-ventilated area.  P272  Contaminated work clothing should not be allowed out of the workplace.  Avoid release to the environment.  P280  Wear protective gloves/eye protection/face protection.  P301/310  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  IF ON SKIN: Wash with plenty of soap and water.  P303/361/353  IF ON SKIN: Wash with plenty of soap and water.  P304/340  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330  Rinse mouth.  Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If skin irritation persists: Get medical advice/attention.	H412	Harmful to aquatic life with long lasting effects.
P240 Ground/bond container and receiving equipment.  P241 Use explosion-proof electrical, ventilating and lighting equipment.  P242 Use only non-sparking tools.  P243 Take precautionary measures against static discharge.  P261 Avoid breathing vapour or dust.  P264 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P303/361/353 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF NPS ERinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If skin irritation persists: Get medical advice/attention.	P210	Keep away from heat, sparks, open flames and hot surfaces No smoking.
Use explosion-proof electrical, ventilating and lighting equipment.  P242 Use only non-sparking tools.  Take precautionary measures against static discharge.  P261 Avoid breathing vapour or dust.  P264 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continuer rinsing.  P311 Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If skin irritation or rash occurs: Get medical advice/attention.	P233	Keep container tightly closed.
P242 Use only non-sparking tools.  P243 Take precautionary measures against static discharge.  P261 Avoid breathing vapour or dust.  P264 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If skin irritation or rash occurs: Get medical advice/attention.	P240	Ground/bond container and receiving equipment.
Take precautionary measures against static discharge.  Avoid breathing vapour or dust.  Wash hands and other contacted skin thoroughly after handling.  Do not eat, drink or smoke when using this product.  Use only outdoors or in a well-ventilated area.  Contaminated work clothing should not be allowed out of the workplace.  Avoid release to the environment.  Wear protective gloves/eye protection/face protection.  FSWALLOWED: Immediately call a POISON CENTER or doctor/physician.  IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  FSOU IF ON SKIN: Wash with plenty of soap and water.  FON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  FON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  FINALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  Call a POISON CENTRE or doctor/physician if you feel unwell.  P3311  Call a POISON CENTRE or doctor/physician if you feel unwell.  P332  Rinse mouth.  Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If skin irritation or rash occurs: Get medical advice/attention.	P241	Use explosion-proof electrical, ventilating and lighting equipment.
Avoid breathing vapour or dust.  Wash hands and other contacted skin thoroughly after handling.  Do not eat, drink or smoke when using this product.  Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If skin irritation or rash occurs: Get medical advice/attention.	P242	Use only non-sparking tools.
P264 Wash hands and other contacted skin thoroughly after handling.  P270 Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P243	Take precautionary measures against static discharge.
Do not eat, drink or smoke when using this product.  P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician if you feel unwell.  Rinse mouth.  Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  If skin irritation persists: Get medical advice/attention.	P261	Avoid breathing vapour or dust.
P271 Use only outdoors or in a well-ventilated area.  P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTRE or doctor/physician.  P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If skin irritation or rash occurs: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P264	Wash hands and other contacted skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.  P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continusing.  P311 Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P337/313 If eye irritation persists: Get medical advice/attention.	P270	Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.  P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTRE or doctor/physician.  P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If skin irritation persists: Get medical advice/attention.	P271	Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/eye protection/face protection.  P301/310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTRE or doctor/physician.  P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If skin irritation persists: Get medical advice/attention.	P272	Contaminated work clothing should not be allowed out of the workplace.
P301/310  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  P301/312  IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352  IF ON SKIN: Wash with plenty of soap and water.  P303/361/353  IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311  Call a POISON CENTRE or doctor/physician.  P312  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330  Rinse mouth.  P331  Do not induce vomiting.  If skin irritation occurs: Get medical advice/attention.  P333/313  If skin irritation persists: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P273	Avoid release to the environment.
P301/312 IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.  P302/352 IF ON SKIN: Wash with plenty of soap and water.  P303/361/353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311 Call a POISON CENTRE or doctor/physician.  P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If skin irritation or rash occurs: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P280	Wear protective gloves/eye protection/face protection.
P302/352  IF ON SKIN: Wash with plenty of soap and water.  P303/361/353  IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311  Call a POISON CENTRE or doctor/physician.  P312  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330  Rinse mouth.  P331  Do not induce vomiting.  P332/313  If skin irritation occurs: Get medical advice/attention.  P333/313  If eye irritation persists: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303/361/353  IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  P304/340  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311  Call a POISON CENTRE or doctor/physician.  P312  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330  Rinse mouth.  P331  Do not induce vomiting.  P332/313  If skin irritation occurs: Get medical advice/attention.  P337/313  If eye irritation persists: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P304/340  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  P305/351/338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311  Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330  Rinse mouth.  P331  Do not induce vomiting.  P332/313  If skin irritation occurs: Get medical advice/attention.  P337/313  If eye irritation persists: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P302/352	IF ON SKIN: Wash with plenty of soap and water.
P305/351/338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  P311  Call a POISON CENTRE or doctor/physician.  Call a POISON CENTRE or doctor/physician if you feel unwell.  P330  Rinse mouth.  P331  Do not induce vomiting.  P332/313  If skin irritation occurs: Get medical advice/attention.  P333/313  If skin irritation persists: Get medical advice/attention.  If eye irritation persists: Get medical advice/attention.	P303/361/353	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
do. Continue rinsing.  Call a POISON CENTRE or doctor/physician.  P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If see irritation persists: Get medical advice/attention.  P337/313 If eye irritation persists: Get medical advice/attention.	P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTRE or doctor/physician if you feel unwell.  P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If skin irritation or rash occurs: Get medical advice/attention.  P337/313 If eye irritation persists: Get medical advice/attention.	P305/351/338	
P330 Rinse mouth.  P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If skin irritation or rash occurs: Get medical advice/attention.  P337/313 If eye irritation persists: Get medical advice/attention.	P311	Call a POISON CENTRE or doctor/physician.
P331 Do not induce vomiting.  P332/313 If skin irritation occurs: Get medical advice/attention.  P333/313 If skin irritation or rash occurs: Get medical advice/attention.  P337/313 If eye irritation persists: Get medical advice/attention.	P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
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P333/313 If skin irritation or rash occurs: Get medical advice/attention.  P337/313 If eye irritation persists: Get medical advice/attention.	P331	Do not induce vomiting.
P337/313 If eye irritation persists: Get medical advice/attention.	P332/313	If skin irritation occurs: Get medical advice/attention.
·	P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P361 Remove/Take off immediately all contaminated clothing.	P337/313	If eye irritation persists: Get medical advice/attention.
, <del></del>	P361	Remove/Take off immediately all contaminated clothing.
P362 Take off contaminated clothing and wash before reuse.	P362	Take off contaminated clothing and wash before reuse.

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Issue date: 21/09/2019

Version: 1 (21/09/2019)

# **SAFETY DATA SHEET**

In accordance with REACH Regulation EC No.1907/2006

**Product:** Pineapple Madar Corp

Version: 1

P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1	Sensitization - Skin Category 1
SS 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.

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Issue date: 21/09/2019 Version: 1 (21/09/2019)

# IFRA CONFORMITY CERTIFICATE

Customer: MADAR Corporation Limited

Product: Pineapple Madar Corp

We certify that the above item is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA - 48th Amendment / published June 2015), provided it is used in the following classes at a maximum concentration level of:

IFRA classes [see annex for detail]	Maximum level of use (%)
IFRA Class 1 Limit	Not approved
IFRA Class 2 Limit	21.66%
IFRA Class 3.A Limit	33.33%
IFRA Class 3.B Limit	33.33%
IFRA Class 3.C Limit	33.33%
IFRA Class 3.D Limit	83.33%
IFRA Class 4.A Limit	33.33%
IFRA Class 4.B Limit	33.33%
IFRA Class 4.C Limit	33.33%
IFRA Class 4.D Limit	33.33%
IFRA Class 5 Limit	33.33%
IFRA Class 6 Limit	Not approved
IFRA Class 7.A Limit	50%
IFRA Class 7.B Limit	33.33%
IFRA Class 8.A Limit	33.33%
IFRA Class 8.B Limit	100%
IFRA Class 9.A Limit	100%
IFRA Class 9.B Limit	100%
IFRA Class 9.C Limit	33.33%
IFRA Class 10.A Limit	100%
IFRA Class 10.B Limit	100%
IFRA Class 11 Limit	100%

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# IFRA CONFORMITY CERTIFICATE

For other kinds of application or use at higher concentration levels, a new evaluation may be needed; please contact MADAR Corporation Limited.

Contains the following substances restricted by the current IFRA Standards:-

Ingredient	CAS	Concentration (%)
Citral	5392-40-5, 141-27-5, 106-26-3	0.126%
Coumarin	91-64-5	0.6%
Geraniol	106-24-1	0.006%
Lemon oil cold pressed	8008-56-8	6%

The IFRA Standards regarding use restrictions are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM) and are enforced by the IFRA Scientific Committee.

Evaluation of individual Fragrance ingredients is made according to the safety standards contained in the relevant section of the IFRA Code of Practice.

It is the ultimate responsibility of our customer to ensure the safety of the final product (containing this fragrance) by further testing if need be.

**Regulatory Affairs Department** 

Version: 1 (21/09/2019)

# IFRA CONFORMITY CERTIFICATE

#### **ANNEX: Definition of IFRA Classes**

Finished product types	IFRA class
Lip Products of all types (solid and liquid lipsticks, balms, clear or colored, etc.); Children's Toys	IFRA Class 1 Limit
Deodorant and Antiperspirant Products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne and body spray, etc.); Nose pore strips; Fragranced Bracelets	IFRA Class 2 Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Edt range)	IFRA Class 3.A Limit
Hydroalcoholic Products Applied To Recently Shaved Skin (includes After Shave) (Fine fragrance range)	IFRA Class 3.B Limit
Eye Products of all types (eye shadow, mascara, eyeliner, eye make-up, etc.) including eye care; Men's Facial Creams and Balms; Baby Creams, Lotions, Oils; Body Paint for Children	IFRA Class 3.C Limit
Tampons	IFRA Class 3.D Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Edt range); Ingredients of Perfume Kits; Scent Pads, Foil packs; Scent Strips for hydroalcoholic products	IFRA Class 4.A Limit
Hydroalcoholic Products applied to unshaved skin (includes aqueous based, alcoholic based and hydroalcoholic) like Cologne, eau de cologne, Eau de Parfum or Parfum (Fine fragrance range)	IFRA Class 4.B Limit
Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.); Body Creams, Oils, Lotions of all types (except baby creams, lotions and oils); Body sprays (including Body Mist) with no intended or reasonably foreseeable use on the axillae; Fragrance Compounds for Cosmetic Kits; Foot Care Products; Hair deodorant; Body Paint (except those for children)	IFRA Class 4.C Limit
Fragrancing Cream; Solid perfumes	IFRA Class 4.D Limit
Women's Facial Creams/Facial Make-up; Hand Cream; Hand sanitizers; Facial Masks; Baby Powder and Talc; Hair Permanent and other hair chemical treatments (e.g. relaxers) but not hair dyes; Wipes or Refreshing Tissues for Face, Neck, Hands, Body; Dry Shampoo or Waterless Shampoo	IFRA Class 5 Limit
Mouthwash, including Breath Sprays; Toothpaste	IFRA Class 6 Limit
Intimate Wipes; Baby Wipes	IFRA Class 7.A Limit
Insect Repellent (intended to be applied to the skin)	IFRA Class 7.B Limit
Make-up Removers of all types (not including face cleansers); Hair Styling Aids Non-Spray of all types (mousse, gels, leave-in conditioners, etc.); Nail Care; Powders and talcs, all types (except baby powders and talcs)	IFRA Class 8.A Limit
Hair Dyes	IFRA Class 8.B Limit
Conditioner (Rinse-Off); Liquid Soap; Shampoos of all types (including baby shampoos); Face Cleansers of all types (washes, gels, scrubs, etc.); Shaving Creams of all types (stick, gels, foams, etc.); All Depilatories (including waxes for mechanical hair removal); Body Washes of all types (including baby washes) and Shower Gels of all types; Bar Soap (Toilet Soap); Bath Gels, Foams, Mousses, Salts, Oils and Other Products added to bathwater	IFRA Class 9.A Limit
Feminine hygiene - pads, liners; Toilet paper; Wheat bags	IFRA Class 9.B Limit
Facial tissues; Napkins; Paper towels; Other Aerosols (including air freshener sprays and air freshener pump sprays, but not including deodorants/antiperspirants, hair styling aids sprays); Fragranced Face Masks (not intended to be used as medical device)	IFRA Class 9.C Limit
Handwash Laundry Detergents of all types including concentrates; Fabric Softeners of all types including fabric softener sheets; Household Cleaning Products, Other Types (fabric cleaners, soft surface cleaners, carpet cleaners, etc.); Machine Wash Laundry Detergents (liquids, powders, tablets, etc.) including laundry bleach and concentrates; Hand Dishwashing Detergent including concentrates; Hard Surface Cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.); Shampoos for pets; Dry cleaning kits; Scented gloves, socks, tights with moisturizers	IFRA Class 10.A Limit
Diapers; Toilet seat wipes	IFRA Class 10.B Limit
All non-skin contact or incidental skin contact including: Candles; Air Fresheners and Fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, solid substrate, membrane delivery, electrical); Air Delivery Systems; Cell phone cases; Pot pourri, powders, fragrancing sachets, liquid refills for air fresheners (non-cartridge systems), Reed diffusers; Liquid refills for air fresheners (cartridge systems); Shoe Polishes; Deodorizers/Maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders); Insecticides (mosquito coil, paper, electrical, for clothing etc.) excluding aerosols; Scent delivery system using a dry air technology that releases a fragrance without sprays, aerosols or heated oils (technology of nebulization); Air freshening crystals; Toilet Blocks; Joss Sticks or Incense Sticks; Machine Dishwash Detergent and Deodorizers; Machine-only Laundry Detergent (e.g. liquitabs); Plastic articles (excluding toys); Fuels; Fragranced lamp ring; Scent pack; Scratch and Sniff (sampling technology); Paints; Cat litter; Animal sprays (all types); Treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics); Floor wax; Odored Distilled Water (that can be added to steam irons)	IFRA Class 11 Limit



# **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: PINEAPPLE FRAGRANCE

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

01/08/19